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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete if Known**

Application Number	10/039,466
Filing Date	January 3, 2002
First Named Inventor	John D. Dobak, III
Group Art Unit	3739
Examiner Name	R. Kearney
Attorney Docket Number	051002

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (if known)			
RLP	AA	3,604,419		Diskin, et al.	09/14/1971	
	AB	4,160,455		Law	07/10/1979	
	AC	4,464,172		Lichtenstein	08/07/1984	
	AD	4,747,826		Sassano	05/31/1988	
	AE	5,236,908		Gruber et al.	08/17/1993	
	AF	5,520,682		Baust et al.	05/28/1996	
	AG	5,536,247		Thornton	07/16/1996	
	AH	5,833,673		Ockuly et al.	11/10/1998	
	AI	5,834,465		Olney	11/10/1998	
	AJ	6,011,995		Guglielmi et al.	01/04/2000	
	AK	6,206,004		Schmidt et al.	03/27/2001	
	AL	6,364,899		Dobak, III	04/02/2002	
	AM	6,383,210		Magers et al.	05/07/2002	
	AN	6,379,378		Werneth et al.	04/30/2002	
	AO	6,393,320		Lasersohn et al.	05/21/2002	
	AP	6,405,080		Lasersohn et al.	06/11/2002	
	AQ	6,409,747		Gobin et al.	06/25/2002	
	AR	6,416,511		Lesh et al.	07/09/2002	
	AS	6,416,533		Gobin et al.	07/09/2002	
	AT	6,419,643		Shimada	07/16/2002	
	AU	6,428,563		Keller	08/06/2002	
	AV	6,432,124		Worthen et al.	08/13/2002	
	AW	20010027333		Schwartz	10/04/2001	
	AX	20010032003		Pecor	10/18/2001	
	AY	20020004675		Lasheras	01/10/2002	
	AZ	20020016621		Werneth et al.	02/07/2002	
	BA	20020040717		Dobak III	04/11/2002	
	BB	20020045892		Kramer	04/18/2002	
	BC	20020045925		Keller et al.	04/18/2002	
	BD	20020049484		Werneth et al.	04/25/2002	
	BE	20020066458		Aliberto et al.	06/06/2002	
	BF	20020068964		Dobak III	06/06/2002	
	BG	20020077665		Kordis et al.	06/20/2002	
	BH	20020077680		Noda	06/20/2002	
	BI	20020082671		Magers et al.	06/27/2002	
	BJ	20020091378		Dobak III et al.	07/11/2002	
	BK	20020091429		Dobak III et al.	07/11/2002	
	BL	20020091430		Dobak III et al.	07/11/2002	

Examiner  
Signature

R. Kearney

Date  
Considered

5/30/03

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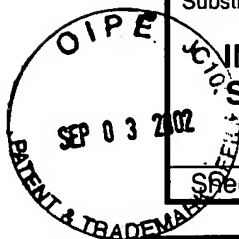
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Filing Date	January 3, 2002
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Group Art Unit	3739
Examiner Name	R. Kearney
Attorney Docket Number	051002

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		Number Code <sup>2</sup>	Kind (if known)			
RKR	BM	20020095200		Dobak III et al.	07/18/2002	
	BN	20020095201		Worthen et al.	07/18/2002	
	BO	20020099427		Dobak III	07/25/2002	
	BP	20020103519		Dobak III et al.	08/01/2002	
	BQ	20020111616		Dae et al.	08/15/2002	
	BR	20020111657		Dae et al.	08/15/2002	
	BR.1	20020099364		LaLonde	07/25/2002	

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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RKR	BS		EP1205167A2		Alsius Corporation	05/15/2002		
	BU		WO 02/07793		Radiant Medical	01/31/2002		
	BV		WO 02/26175		Alsius Corporation	04/04/2002		
	BW		WO 02/26176		Alsius Corporation	04/04/2002		
	BX		WO 02/26285		Alsius Corporation	04/04/2002		
	BY		WO 02/26307		Alsius Corporation	04/04/2002		
	BZ		WO 02/28300		Alsius Corporation	04/11/2002		
	CA		WO 02/36180		Alsius Corporation	05/10/2002		
	CB		WO 02/38091		Innercool Therapies	05/16/2002		
	CC		WO 02/43577		Alsius Corporation	06/06/2002		
	CD		WO 02/47577		Alsius Corporation	06/20/2002		
	CE		WO 02/47742		Alsius Corporation	06/20/2002		
	CF		WO 02/055129		Innercool Therapies	07/18/2002		
	CG		WO 02/056938		Alsius Corporation	07/25/2002		
	CH		WO 02/058606		Alsius Corporation	08/01/2002		
	CI		WO 02/060514		Innercool Therapies	08/08/2002		

Examiner Signature	<i>R. Kearney</i>	Date Considered	5/30/02
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Sheet 1 of 1

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Examiner Name	R. Kearney
Attorney Docket Number	(051002)

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		Number Code <sup>2</sup>	Kind (if known)			
Rk2	AA	5,800,488		Crockett	09/01/98	
	AB	5,967,976		Larsen, et al.	10/19/99	

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R. Kearney Rollins

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Considered

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First Named Inventor	John D. Dobak, III
Group Art Unit	3739
Examiner Name	Unknown
Attorney Docket Number	051002

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		Number Code <sup>2</sup>	Kind (if known)			
RKR	AA	5,106,368		Uldall et al.	04/21/1992	
	AB	5,246,421		Saab	9/21/1993	
	AC	5,337,734		Saab	8/16/1994	
	AD	5,358,486		Saab	10/25/1994	
	AE	5,385,148		Lesh, et al.	1/31/1995	
	AF	5,411,477		Saab	5/2/1995	
	AG	5,443,781		Saab	8/22/1995	
	AH	5,499,973		Saab	3/19/1996	
	AI	5,569,195		Saab	10/29/1996	
	AJ	5,676,693		LaFontaine	10/14/1997	
	AK	5,741,248		Stern et al.	04/21/1998	
	AL	5,755,690		Saab	05/26/1998	
	AM	5,921,982		Lesh et al.	07/13/1999	
	AN	5,938,660		Swartz et al.	08/17/1999	
	AO	5,968,009		Simán	10/19/1999	
	AP	5,971,983		Lesh	10/26/1999	
	AQ	6,004,289		Saab	12/21/1999	
	AR	6,106,518		Wittenberger, et al.	08/22/2000	
	AS	6,248,057		Mavity et al.	06/19/2001	
	AT	6,251,093		Valley et al.	06/26/2001	
	AU	6,270,476		Santojanni et al.	08/07/2001	
	AV	6,270,493		Lalonde et al.	08/07/2001	
	AW	6,383,151		Diederich et al.	05/07/2002	
	AX	6,383,180		Lalonde et al.	05/07/2002	
	AY	6,391,224		Wowk	05/21/2002	

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup> (if known)				
RKR	AZ	WO	91/17788	Saab, Mark A.	11-28-1991		
	BA	WO	94/16760	Alliger et al.	08/04/1994		
	BB	WO	96/07448	Saab, Mark A.	03-14-1996		
	BC	WO	96/10367	The Regents of the University of California	04-11-1996		
	BD	WO	98/37822	Cryocath Technologies	09-03-1998		
	BE	WO	99/00064	Daig Corporation	01-07-1999		

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Signature

R. Kearney / Bullen

Date  
Considered

5/30/03

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**INFORMATION DISCLOSURE  
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Sheet 2 of 2

**Complete if Known**

Application Number	10/039,466
Filing Date	January 3, 2002
First Named Inventor	John D. Dobak, III
Group Art Unit	3739
Examiner Name	Unknown
Attorney Docket Number	051002

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		Office <sup>3</sup>	Number <sup>4</sup> (if known)				
RR	BF		WO 99/52455	Cryocath Technologies	10-21-1999		
	BG		WO 00/32126	Cryocath Technologies	06-08-2000		
	BH		WO 00/42931	Cryocath Technologies	07-27-2000		
	BI		WO 00/42932	Cryocath Technologies	07-27-2000		
	BJ		WO 00/42933	Cryocath Technologies	07-27-2000		
	BK		WO 00/51511	Atrionix, Inc.	09-08-2000		
	BL		WO 00/51683	Atrionix, Inc.	09-08-2000		
	BM		WO 00/56237	Atrionix, Inc.	09-28-2000		
	BN		WO 00/59390	Cryocath Technologies	10-12-2000		
	BO		WO 00/76570	Cryocath Technologies	12-21-2000		
	BP		WO 00/67656	Atrionix, Inc.	11-16-2000		
	BQ		WO 00/67830	Atrionix, Inc.	11-16-2000		
	BR		WO 00/67832	Atrionix, Inc.	11-16-2000		
	BS		WO 00/67648	Atrionix, Inc.	11-16-2000		

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Examiner Signature	<i>R. Kearney Pollis</i>	Date Considered	5/30/03
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Sheet

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of

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Complete if Known

Application Number 10/039,466

Filing Date January 3, 2002

First Named Inventor John D. Dobak, III

Group Art Unit 3739

Examiner Name Unknown

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		Number Code <sup>2</sup>	Kind (if known)			
RED	AA	2,672,032		Towse	03/16/1954	
	AB	3,125,096		Antiles et al.	03/17/1964	
	AC	3,612,175		Ford et al.	07/01/1969	
	AD	4,323,071		Simpson et al.	04/06/1982	
	AE	4,745,922		Taylor	05/24/1988	
	AF	4,781,799		Herbert, Jr. et al.	11/01/1988	
	AG	4,951,677		Crowley et al.	08/28/1990	
	AH	5,000,734		Boussignac et al.	03/19/1991	
	AI	5,024,668		Peters et al.	06/18/1991	
	AJ	5,046,497		Millar	09/10/1991	
	AK	5,089,260		Hunter et al.	02/18/1992	
	AL	5,112,438		Bowers	05/12/1992	
	AM	5,150,706		Cox et al.	09/29/1992	
	AN	5,180,364		Ginsburg	01/19/1993	
	AO	5,578,008		Hara	11/26/1996	
	AP	5,588,438		McKown et al.	12/31/1996	
	AQ	5,622,182		Jaffe	04/22/1997	
	AR	5,653,692		Masterson et al.	08/05/1997	
	AS	5,709,654		Klatz et al.	01/20/1998	
	AT	5,733,318		Augustine	03/31/1998	
	AU	5,733,319		Neilson et al.	03/31/1998	
	AV	5,799,661		Boyd et al.	09/01/1998	
	AW	5,735,809		Gorsuch	04/07/1998	
	AX	5,800,483		Vought	09/01/1998	
	AY	5,800,516		Fine et al.	09/01/1998	
	AZ	5,820,593		Safar et al.	10/13/1998	
	BA	5,827,269		Saadat	10/27/1998	
	BB	5,868,735		Lafontaine	02/09/1999	
	BC	5,879,316		Safar et al.	03/09/1999	
	BD	5,906,588		Safar et al.	05/25/1999	
	BE	5,906,594		Scarfone et al.	05/25/1999	
	BF	5,906,636		Casscells, III et al.	05/25/1999	
	BG	5,913,856		Chia et al.	06/22/1999	
	BH	5,913,885		Klatz et al.	06/22/1999	
	BI	5,957,917		Doiron et al.	09/28/1999	
	BJ	5,964,751		Amplatz et al.	10/12/1999	
	BK	6,007,692		Herbert et al.	12/28/1999	

Examiner  
Signature

*[Handwritten Signature]*

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REL	BL	6,022,236		Zadno-Azizi et al.	02/08/2000	
	BM	6,063,101		Jacobsen et al.	05/16/2000	
	BN	6,146,814		Millet	11/14/2000	
	BO	6,168,594		Lafontaine et al.	01/02/2001	
	BP	6,182,666		Dobak, III	02/06/2001	
	BQ	6,193,644		Dobak, III et al.	02/27/2001	
	BR	6,213,126		Lafontaine et al.	04/10/2001	
	BS	6,217,528		Koblish et al.	04/17/2001	
	BT	6,235,018		Lepivert	05/22/2001	
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	BW	6,270,494		Kovalcheck et al.	08/07/2001	
	BX	6,290,674		Roue et al.	09/18/2001	
	BY	6,295,990		Lewis et al.	10/02/2001	
	BZ	6,305,378		Lesh	10/23/2001	
	CA	6,338,727		Noda et al.	01/15/2002	
	CB	6,364,899		Dobak, III	04/02/2002	
	CC	6,368,304		Aliberto et al.	04/09/2002	
	CD	20010031946		Walker et al.	10/18/2001	
	CE	20010047191		Lasersohn et al.	11/29/2001	
	CF	20010047192		Lasersohn et al.	11/29/2001	
	CG	20020002394		Dobak, III	01/03/2002	
	CH	20020007179		Dobak, III et al.	01/17/2002	
	CI	20020007202		Dobak, III et al.	01/17/2002	
	CJ	20020007203		Gilmartin et al.	01/17/2002	
	CK	20020022823		Luo et al.	02/21/2002	
	CL	20020026227		Philips	02/28/2002	
	CM	20020029016		Pham et al.	03/07/2002	
	CN	20020032430		Luo et al.	03/14/2002	
	CO	20020032438		Lafontaine	03/14/2002	
	CP	20020032474		Dobak, III et al.	03/14/2002	
	CQ	20020049409		Noda et al.	04/25/2002	
	CR	20020049410		Noda et al.	04/25/2002	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

4

Application-Number

10/039,466

Filing Date

January 3, 2002

First Named Inventor

John D. Dobak, III

Group Art Unit

3739

Examiner Name

Unknown

Attorney Docket Number

051002

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup> (if known) <sup>5</sup>				
RKL	CS		AU 730835 B2	Radiant Medical, Inc.	08/01/1997		
	CT		AU 734506 C	Innercool Therapies, Inc.	10/18/1999		
	CU		AU 737433 B2	CryoGen, Inc.	02/10/1999		
	CV		AU 739996 B2	Innercool Therapies, Inc.	08/09/1999		
	CW		AU 743945 B2	Radiant Medical, Inc.	08/07/1998		
	CX		WO 99/37726	Del Mar Medical Technologies	07/29/1999		
	CY		WO 99/48449	Del Mar Medical Technologies	09/30/1999		
	CZ		WO 99/66970	Del Mar Medical Technologies	12/29/1999		
	DA		WO 99/66971	Del Mar Medical Technologies	12/29/1999		
	DB		WO 00/48670	Alsius Corporation	08/24/2000		
	DC		WO 01/10365	Innercool Therapies, Inc.	02/15/2001		
	DD		WO 01/34225	Neuron Therapeutics, Inc.	05/17/2001		
	DE		WO 01/37919	Cryocath Technologies, Inc.	05/31/2001		
	DF		WO 01/41664	Cryocath Technologies, Inc.	06/14/2001		
	DG		WO 01/54618	Mitralife	08/02/2001		
	DH		WO 01/54764	Innerdyne, Inc.	08/02/2001		
	DI						

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number		10/039,466	
		Filing Date		January 3, 2002	
		First Named Inventor		John D. Dobak, III	
		Group Art Unit		3739	
		Examiner Name		Unknown	
Sheet	4	of	4	Attorney Docket Number	051002

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RKR	DJ	Colvett, K. T. et al. "Opportunities with Combined Modality Therapy for Selective Organ Preservation in Muscle-Invasive Bladder Cancer," May 1996, <i>Journ. Surg. Oncology</i> 63:202-201.	
	DK	Dubuc et al. "Catheter cryoablation: a novel technology for ablation of cardiac arrhythmias," abs. 69 <sup>th</sup> <i>Scientific Sessions</i> , 3259.	
	DL	Ducharme et al. "Intracardiac echocardiography monitoring of catheter cryoablation," abs. 71 <sup>st</sup> <i>Scientific Sessions</i> , 2300.	
	DM	Hayes et al. "Temperature control in extracorporeal circulation," Aug. 17, 1968, <i>Brit. Med. J.</i> 2(615):430.	
	DN	Mass, C. et al. "Intermittent Antegrade/Selective Cerebral Perfusion during Circulatory Arrest for Repair of the Aortic Arch," 1997, <i>Perfusion</i> , 12:127-132.	
	DO		
	DP		
	DQ		
	DR		

Examiner Signature	<i>R. Keene Rollins</i>	Date Considered	5/30/03
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Sheet 1 of 12

### Complete if Known

Application Number	Not Yet Known
Filing Date	Herewith
First Named Inventor	John D. Dobak, III
Group Art Unit	3737
Examiner Name	Unknown
Attorney Docket Number	051002

10/039466  
01/03/02

### U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (if known)			
RL	A1	6,253,769		LaFontaine, et al.	07/03/2001	
	A2	6,254,588		Jones, et al.	07/03/2001	
	A3	6,254,626		Dobak, III, et al.	07/03/2001	
	A4	6,261,312		Dobak, III, et al.	07/17/2001	
	A5	20010010011		Aliberto, et al.	07/26/2001	
	A6	6,267,747		Samson, et al.	07/31/2001	
	A7	6,270,493		Lalonde, et al.	08/07/2001	
	A8	20010014802		Tu	08/16/2001	
	A9	6,290,696		LaFontaine	09/18/2001	
	A10	20010032004		Werneth	10/18/2001	
	A11	6,325,818		Werneth	12/04/2001	
	A12	4,602,642		O'Hara	07/29/1986	
	A13	5,496,271		Burton, et al.	03/05/1996	
	A14	5,267,341		Shearin	11/30/1993	
	A15	5,383,854		Safar, et al.	01/24/1995	
	A16	5,899,898		Arless, et al.	05/04/1999	
	A17	6,290,697		Tu, et al.	09/18/2001	
	A18	5,554,119		Harrison, et al.	09/10/1996	
	A19	3,674,031		Weiche	07/04/1972	
	A20	3,696,813		Wallach	10/10/1972	
	A21	5,733,280		Avitall	03/31/1998	
	A22	6,270,493		Lalonde, et al.	08/07/2001	
	A23	6,296,654		Ward	10/02/2001	
	A24	4,781,033		Steyert	11/01/1988	
	A25	5,901,783		Dobak, III, et al	05/11/1999	
	A26	20010007927		Koblisch, et al.	07/12/2001	
	A27	6,231,594		Dae	05/15/2001	
	A28	6,306,161		Ginsburg	10/23/2001	
	A29	5,549,559		Eshel	08/27/1996	
	A30	5,861,021		Thome	01/19/1999	
	A31	20010001830		Dobak, III, et al.	05/24/2001	
	A32	20010001831		Dobak, III, et al.	05/24/2001	
	A33	20010001832		Dobak, III, et al.	05/24/2001	
	A34	20010002442		Dobak, III	05/31/2001	
	A35	20010007951		Dobak, III	07/12/2001	
	A36	20010008975		Dobak, III, et al.	07/19/2001	
	A37	20010011184		Dobak, III, et al.	08/02/2001	

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*Robert J. Rollins*

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Sheet 2 of 12

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Application Number	Not Yet Known
Filing Date	Herewith
First Named Inventor	John D. Dobak, III
Group Art Unit	3737
Examiner Name	Unknown
Attorney Docket Number	051002

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (if known)			
BEL	A38	20010011185		Dobak, III, et al.	08/02/2001	
	A39	20010016763		Lasheras, et al.	08/23/2001	
	A40	20010016764		Dobak, III	08/23/2001	
	A41	20010021865		Dobak, III, et al.	09/13/2001	
	A42	20010021866		Dobak, III, et al.	09/13/2001	
	A43	20010029394		Dobak, III, et al.	10/11/2001	
	A44	20010032004		Werneth	10/18/2001	
	A45	20010039440		Lasheras, et al.	11/08/2001	
	A46	20010041923		Dobak, III	11/15/2001	
	A47	6,149,677		Dobak, III	11/11/2000	
	A48	6,224,624		Lasheras, et al.	05/01/ 2001	
	A49	6,231,595		Dobak, III	05/15/2001	
	A50	6,235,048		Dobak, III	05/22/2001	
	A51	6,238,428		Werneth, et al.	05/29/2001	
	A52	6,245,095		Dobak, III, et al.	06/12/2001	
	A53	6,251,129		Dobak, III, et al.	06/26/2001	
	A54	6,251,130		Dobak, III, et al.	06/26/2001	
	A55	6,254,626		Dobak, III, et al.	07/03/2001	
	A56	6,261,312		Dobak, III, et al.	07/17/2001	
	A57	6,312,452		Dobak, III, et al.	11/06/ 2201	
	A58	6,325,818		Werneth	12/04/2001	
	A59	6,149,673		Ginsburg	11/21/2000	
	A60	6,149,676		Ginsburg	11/21/2000	
	A61	6,264,679		Keller, et al.	07/24/2001	
	A62	20010005791		Ginsburg, et al.	06/28/2001	
	A63	20010044644		Keller, et al.	11/22/2001	
	A64	20010047196		Ginsburg, et al.	11/29/2001	
	A65	6,126,684		Gobin, et al.	10/03/2000	
	A66	6,146,411		Noda, et al.	11/14/2000	
	A67	6,149,670		Worthen, et al.	11/21/2000	
	A68	6,165,207		Balding, et al.	12/26/2000	
	A69	6,287,326		Pecor	09/11/2000	
	A70	6,290,717		Phillips	09/18/2001	
	A71	6,299,599		Pham	10/09/2001	
	A72	20010049545		Lasersohn, et al.	12/06/2001	
	A73	2,308,484		Auzin, et al.	01/19/1943	
	A74	2,374,609		McCollum	04/24/1945	

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B. Kearney Bolten

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		Application Number	Not Yet Known		
		Filing Date	Herewith		
		First Named Inventor	John D. Dobak, III		
		Group Art Unit	3737		
		Examiner Name	Unknown		
Sheet	3	of	12	Attorney Docket Number	051002

U.S. PATENT DOCUMENTS						
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		Number Code <sup>2</sup>	Kind (if known)			
DKP	A75	2,615,686		Davidson	10/28/1982	
	A76	2,672,032		Towse	03/16/1954	
	A77	2,913,009		Kuthe	11/17/1959	
	A78	3,228,400		Armao	01/11/1966	
	A79	3,298,371		A.S.J. Lee	01/17/1967	
	A80	3,369,549		Armao	02/20/1968	
	A81	3,425,419		A.A. Dato	02/04/1969	
	A82	3,504,674		Swenson, et al.	04/07/1970	
	A83	3,786,814		Armao	01/22/1974	
	A84	3,859,986		Okada et al.	01/14/1975	
	A85	3,865,116		Brooks	02/11/1975	
	A86	3,867,294		Pall et al.	02/18/1975	
	A87	3,888,259		Miley	06/10/1975	
	A88	3,889,680		Armao	06/17/1975	
	A89	3,971,383		Van Gerven	07/27/1976	
	A90	4,038,519		Foucras	07/26/1977	
	A91	4,153,048		Magrini	05/18/1979	
	A92	4,190,033		Foti	02/26/1980	
	A93	4,231,425		Engstrom	11/04/1980	
	A94	4,275,734		Mitchiner	06/30/1981	
	A95	4,298,006		Parks	11/03/1981	
	A96	4,318,722		Altman	03/09/1982	
	A97	4,427,009		Wells, et al.	01/24/1984	
	A98	4,445,500		Osterholm	05/01/1984	
	A99	4,483,341		Witteles	11/20/1984	
	A100	4,502,286		Okada, et al.	03/05/1985	
	A101	4,569,355		Bitterly	02/11/1986	
	A102	4,581,017		Sahota	04/08/1986	
	A103	4,655,746		Daniels, et al.	04/07/1987	
	A104	4,672,962		Hershenson	06/16/1987	
	A105	4,748,979		Hershenson	06/07/1988	
	A106	4,750,493		Brader	06/14/1988	
	A107	4,762,130		Fogarty, et al.	08/09/1988	
	A108	4,860,744		Johnson, et al.	08/29/1989	
	A109	4,883,455		Leonard	11/28/1989	
	A110	4,894,164		Polaschegg	01/16/1990	
	A111	4,904,237		Janese	02/27/1990	

Examiner Signature	<i>R. Keenan Collins</i>	Date Considered	5/3/03
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		Filing Date	Herewith		
		First Named Inventor	John D. Dobak, III		
		Group Art Unit	3737		
		Examiner Name	Unknown		
Sheet	4	of	12	Attorney Docket Number	051002

U.S. PATENT DOCUMENTS						
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		Number Code <sup>2</sup>	Kind (if known)			
REL	A112	4,920,963		Brader	05/01/1990	
	A113	4,964,409		Tremulis	10/23/1990	
	A114	5,014,695		Benak, et al.	05/14/1991	
	A115	5,018,521		Campbell	95/28/1991	
	A116	5,019,075		Spears, et al.	05/28/1991	
	A117	5,041,089		Mueller, et al.	08/20/1991	
	A118	5,078,713		Varney	01/07/1992	
	A119	5,092,841		Spears	03/03/1992	
	A120	5,106,360		Ishwara, et al.	04/21/1992	
	A121	5,108,390		Potocky et al.	04/28/1992	
	A122	5,110,721		Anaise, et al.	05/05/1992	
	A123	5,117,822		Laghi	06/02/1992	
	A124	5,147,355		Friedman et al.	09/15/1992	
	A125	5,149,321		Klatz, et al.	09/22/1992	
	A126	5,150,706		Cox, et al.	09/29/1992	
	A127	5,151,100		Abele, et al.	09/29/1992	
	A128	5,190,539		Fletcher, et al.	03/02/1993	
	A129	5,191,883		Lennox, et al.	03/09/1993	
	A130	5,196,024		Barath	03/23/1993	
	A131	5,211,631		Sheaff	05/18/1993	
	A132	5,234,405		Klatz, et al.	08/10/1993	
	A133	5,248,312		Langberg	09/28/1993	
	A134	5,250,070		Parodi	10/05/1993	
	A135	5,257,977		Eshel	11/02/1993	
	A136	5,264,260		Saab	11/23/1993	
	A137	5,269,369		Faghri	12/14/1993	
	A138	5,269,749		Koturov	12/14/1993	
	A139	5,269,758		Taheri	12/14/1993	
	A140	5,281,213		Milder et al.	01/25/1994	
	A141	5,281,215		Milder	01/25/1994	
	A142	5,306,261		Alliger et al.	04/26/1994	
	A143	5,310,440		Zingher	05/10/1994	
	A144	5,334,193		Nardella	08/02/1994	
	A145	5,342,301		Saab	08/30/1994	
	A146	5,344,436		Fontenot, et al.	09/06/1994	
	A147	5,365,750		Greenthal	11/22/1994	
	A148	5,368,591		Lennox, et al.	11/29/1994	

Examiner Signature	<i>R. Korman / Pollen's</i>	Date Considered	5/30/03
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete if Known			
		Application Number	Not Yet Known		
		Filing Date	Herewith		
		First Named Inventor	John D. Dobak, III		
		Group Art Unit	3737		
		Examiner Name	Unknown		
Sheet	5	of	12	Attorney Docket Number	051002

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (if known)			
BEC	A149	5,383,918		Panetta	01/24/1995	
	A150	5,395,314		Klatz, et al.	03/07/1995	
	A151	5,395,331		O'Neill, et al.	03/07/1995	
	A152	5,403,281		O'Neill et al.	04/04/1995	
	A153	5,417,686		Peterson, et al.	05/23/1995	
	A154	5,423,745		Todd, et al.	06/13/1995	
	A155	5,423,807		Milder	06/13/1995	
	A156	5,433,740		Yamaguchi	07/18/1995	
	A157	5,437,673		Baust, et al.	08/01/1995	
	A158	5,462,521		Brucker, et al.	10/31/1995	
	A159	5,486,204		Clifton	01/23/1996	
	A160	5,486,208		Ginsburg	01/23/1996	
	A161	5,531,776		Ward, et al.	07/02/1996	
	A162	5,558,644		Boyd, et al.	09/24/1996	
	A163	5,573,532		Chang, et al.	11/12/1996	
	A164	5,584,804		Klatz, et al.	12/17/1996	
	A165	5,588,438		McKown, et al.	12/31/1996	
	A166	5,591,162		Fletcher, et al.	01/07/1997	
	A167	5,620,480		Rudie	04/15/1997	
	A168	5,624,392		Saab	04/29/1997	
	A169	5,647,051		Neer	07/08/1997	
	A170	5,713,941		Robins, et al.	02/03/1998	
	A171	5,716,386		Ward, et al.	02/10/1998	
	A172	5,735,809		Gorsuch	04/07/1998	
	A173	5,797,878		Bleam	08/25/1998	
	A174	5,800,480		Augustine, et al.	09/01/1998	
	A175	5,807,391		Wijkamp	09/15/1998	
	A176	5,824,030		Yang, et al.	10/20/1998	
	A177	5,827,222		Klatz, et al.	10/27/1998	
	A178	5,827,237		Macoviak, et al.	10/27/1998	
	A179	5,833,671		Macoviak, et al.	11/10/1998	
	A180	5,837,003		Ginsburg	11/17/1998	
	A181	5,871,526		Gibbs, et al.	02/16/1999	
	A182	5,873,835		Hastings, et al.	02/23/1999	
	A183	5,879,329		Ginsburg	03/09/1999	
	A184	5,899,899		Arless, et al.	05/04/1999	
	A185	5,902,268		Saab	05/11/1999	

Examiner Signature	<i>R. Keener Rollins</i>	Date Considered	5/20/03
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				Application Number	Not Yet Known
				Filing Date	Herewith
				First Named Inventor	John D. Dobak, III
				Group Art Unit	3737
				Examiner Name	Unknown
				Attorney Docket Number	051002
Sheet	6	of	12		

[illegible]

Examiner Signature	<i>B. Keenan Ballen</i>	Date Considered	<i>5/30/03</i>
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			Filing Date	Herewith	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3737	
			Examiner Name	Unknown	
Sheet	7	of	12	Attorney Docket Number	051002

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RKL	B1	WO	WO 95/15115		Boaz Avitall	06/08/1995		
	B2	WO	WO 98/38934		Scimed Life Systems, Inc.	09/11/1998		
	B3	WO	WO 99/04211		Cryogen, Inc.	01/28/1999		
	B4	AU	AU685559B2		Boaz	01/22/1998		
	B5	CA	CA2177982A		Boaz	06/08/1995		
	B6	CN	CN1082382A		Boaz	02/23/1994		
	B7	WO	WO 01/10365		Innercool Therapies, Inc.	02/15/2001		
	B8	WO	WO 01/13837		Innercool Therapies, Inc.	03/01/2001		
	B9	WO	WO 01/26590		Innercool Therapies, Inc.	04/19/2001		
	B10	WO	WO 01/64145		Innercool Therapies, Inc.	09/07/2001		
	B11	WO	WO 01/66052		Innercool Therapies, Inc.	09/13/2001		
	B12	WO	WO 01/74276		Innercool Therapies, Inc.	10/11/2001		
	B13	WO	WO 01/76655		Innercool Therapies, Inc.	10/18/2001		
	B14	WO	WO 01/78580		Innercool Therapies, Inc.	10/25/2001		
	B15	WO	WO 01/87379		Innercool Therapies, Inc.	11/22/2001		
	B16	WO	WO 01/95840		Innercool Therapies, Inc.	12/20/2001		
	B17	WO	WO 00/51534		Alsus Corporation	09/08/2000		
	B18	WO	WO 00/53135		Alsus Corporation	09/14/2000		
	B19	WO	WO 00/57823		Alsus Corporation	10/05/2000		
	B20	WO	WO 00/62837		Alsus Corporation	10/26/2000		
	B21	WO	WO 00/66053		Alsus Corporation	11/09/2000		
	B22	WO	WO 00/72779		Alsus Corporation	12/07/2000		
	B23	WO	WO 00/72787		Alsus Corporation	12/07/2000		
	B24	WO	WO 01/03606		Alsus Corporation	01/18/2001		
	B25	WO	WO 01/08580		Alsus Corporation	02/02/2001		
	B26	WO	WO 01/12061		Alsus Corporation	02/22/2001		
	B27	WO	WO 01/12122		Alsus Corporation	02/22/2001		
	B28	WO	WO 01/17471		Alsus Corporation	03/15/2001		
	B29	WO	WO 01/19447		Alsus Corporation	03/22/2001		
	B30	WO	WO 01/30413		Alsus Corporation	05/03/2001		
	B31	WO	WO 01/41708		Alsus Corporation	06/14/2001		
	B32	WO	WO 01/49236		Alsus Corporation	07/12/2001		
	B33	WO	WO 01/56517		Alsus Corporation	08/09/2001		
	B34	WO	WO 01/10323		Radiant Medical, Inc.	02/15/2001		
	B35	WO	WO 01/13809		Radiant Medical, Inc.	03/01/2001		
	B36	WO	WO 01/43661		Radiant Medical, Inc.	06/21/2001		

Examiner Signature	<i>B. Kearney Pollex</i>	Date Considered	5/30/03
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Sheet 8 of 12

## **Complete if Known**

Application Number	Not Yet Known
Filing Date	Herewith
First Named Inventor	John D. Dobak, III
Group Art Unit	3737
Examiner Name	Unknown
Attorney Docket Number	051002

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
BKC	B37	WO	WO 01/52781		Radiant Medical, Inc.	07/26/2001		
	B38	WO	WO 01/58397		Radiant Medical, Inc.	08/16/2001		
	B39	WO	WO 01/64146		Radiant Medical, Inc.	09/07/2001		
	B40	EP	0 664 990		Heart Rhythm Technologies, Inc.	11/19/1997		
	B41	FR	2 447 406		Nisshin Steel CY, LTD	03/06/1980		
	B42	EP	EP0655225 A1		Cordis Europa N.V.	05/31/1993		
	B43	RU	SU 806 029		Russia	02/23/1981		
	B44	WO	WO 91/05528		Granulab B.V., et al.	05/02/1991		
	B45	WO	WO 93/04727		American Medical Systems, et al.	03/18/1993		
	B46	WO	WO 95/01814		Urologix, Inc.	01/19/1995		
	B47	WO	WO 96/40347		Heartport	12/19/1996		
	B48	WO	WO 97/01374		Urologix, Inc.	01/16/1997		
	B49	WO	WO 97/25011		Thermocorps, Inc.	07/17/1997		
	B50	WO	WO 98/26831		Radiant Medical, Inc.	06/25/1998		
	B51	WO	WO 98/31312		Radiant Medical, Inc.	07/23/1998		
	B52	WO	WO 98/49957		The Regents of the University of California	11/12/1998		
	B53	WO	WO 99/02096		Emory University	01/21/1999		
	B54	WO	WO 99/27862		Odyssey Technologies, Inc.	06/10/1999		
	B55	WO	WO 99/44519		Atrionix, Inc.	10/09/1999		
	B56	WO	WO 99/56812		Atrionix, Inc.	11/11/1999		
	B57	WO	WO 00/09054		Worthen	02/24/2000		
	B58	WO	WO 00/10494		Radiant Medical, Inc.	03/02/2000		
	B59	WO	WO 00/38601		Alsius Corporation	07/06/2000		
	B60	WO	WO 00/47145		Noda	08/17/2000		
	B61	WO	WO 00/48760		Federal-Mogul Corporation	08/24/2000		

Examiner  
Signature

*P. Kearney Rollins*

Date  
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			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3737	
			Examiner Name	Unknown	
Sheet	9	of	12	Attorney Docket Number	051002

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RKR	C1	Lustgarten, Daniel L., et al.; "Cryothermal Ablation: Mechanism of Tissue Injury and Current Experience in the Treatment of Tachyarrhythmias"; Progress in Cardiovascular Diseases; Vol. 41; No. 6; May/June 1999; pp. 481-498	
	C2	Ambrus; <i>The Biphasic Nature and Temperature Dependence of the Activation of Human Plasminogen by Urokinase</i> ; 05/1979; pp. 339-347; Research Communications in Chemical Pathology and Pharmacology, Vol. 24, No. 2.	
	C3	Arless, S. G., <i>CryoCath Completes a Third Round Private Placement for CDN\$10 Million</i> , April 7, 1999, Kirkland, Quebec, Press Release.	
	C4	Arless, S. G., <i>CryoCath Technologies, Inc.</i> , 10/1999, press release.	
	C5	Asbach, H. W. et al., <i>The Effects of Extreme Cold on Major Blood Vessels; An Experimental Study</i> (abs.), Urologe A., 05/1975, Vol. 14, No. 3, pp. 150-3.	
	C6	ATRIONIX (Palo Alto, CA), <i>AF Ablation and Monitoring</i> , <a href="http://www.medicaldata.com/members/MPM/3-2000/0300-3.asp">http://www.medicaldata.com/members/MPM/3-2000/0300-3.asp</a> , April 19, 2000.	
	C7	Bigelo; <i>Hypothermia, Its Possible Role in Cardiac Surgery</i> ; 11/1959; pp. 849-866; Annals of Surgery, Vol. 132, No. 5.	
	C8	Bokeriia, A. A. et al., <i>Cryogenic Effect on the coronary Arteries in Animal Experiments</i> (abs.), Biull. Eksp.Biol. Med., 06/1988, Vol. 105, Nov. 6, pp. 741-3.	
	C9	Cheatle; <i>Cryostripping the Long and Short Saphenous Veins</i> ; 01/1993; one page; Br. J. Surg., Vol. 80.	
	C10	CryoCath Technologies Inc.: The hottest new technology in ablation is cold, press brochure, Kirkland, Quebec, Canada.	
	C11	CryoCath Technologies, Inc., <i>Affairs of the Heart</i> , The Gazette, Montreal, February 16, 1998.	
	C12	Dexter; <i>Blood Warms as It Flows Retrograde from a Femoral Cannulation Site to the Carotid Artery During Cardiopulmonary Bypass</i> ; 11/1994; pp. 393-397; Perfusion, Vol. 9, No. 6.	

Examiner Signature	<i>B. Kearney Bellus</i>	Date Considered	6/20/03
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		Group Art Unit	3737		
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Sheet	10	of	12	Attorney Docket Number	051002

DKR	C13	Dorval, J-F et al. <i>Induction of Extracellular Matrix Expression in the Arterial Wall after the Application of Cryotherapy in a Porcine PTCA Model</i> , ACC Meeting, 03/2000, No. 1131-116.	
	C14	Dubuc, M. et al. <i>Catheter Cryoablation: A Novel Technology for Ablation of Cardiac Arrhythmias</i> , presented at AHA, November 1996.	
	C15	Dubuc, M. et al. <i>Feasibility of Cardiac Cryoablation Using a Transvenous Steerable Electrode Catheter</i> , reprint Journal of Interventional Electrophysiology, Vol. 2, No. 3, Kluwer Academic Publishers, 1998, Vol. 2, pp. 285-292.	
	C16	Dubuc, M. et al. <i>Reversible Electrophysiologic Effects Using Ice Mapping with a Cryoablation Catheter</i> , Montreal, Quebec, Canada, Brigham and Women's Hospital, Boston, MA, presented at NSPE, May 1997.	
	C17	Dubuc, M. et al. <i>Transvenous Catheter Ice Mapping and Cryoablation of the Atrioventricular Node in Dogs</i> , October 1999, P.A.C.E., Vol. 22, No. 10, pp. 1488-1498.	
	C18	Ducharme, A. et al. <i>Intracardiac Echocardiography Monitoring of Catheter Cryoablation</i> , presented at AHA, November 1998.	
	C19	Gillinov; <i>Superior Cerebral Protection with Profound Hypothermia During Circulatory Arrest</i> , 11/1992; pp.1432-1439; Ann. Thorac. Surg., Vol. 55.	
	C20	Haines, N. S., <i>Biophysics and Pathology of Catheter Energy Delivery Systems</i> (abs.), Prog. Cardiovasc. Dis., 01-02/1995, Vol. 37, No. 4, pp. 185-204.	
	C21	Higazi; <i>The Effect of Ultrasonic Irradiation and Temperature on Fibrinolytic Activity in Vitro</i> ; 08/1992; p. 251-253; Thrombosis Research, Vol. 69, No. 2.	
	C22	Imamaki; <i>Retrograde Cerebral Perfusion with Hypothermic Blood Provides Efficient Protection of the Brain</i> ; 07/1995; pp. 325-333; Journal of Cardiac Surgery, Vol. 10, No. 4, Part 1.	
	C23	Jolin; <i>Management of a Giant Intracranial Aneurysm Using Surface-Heparinized Extracorporeal Circulation and Controlled Deep Hypothermic Low Flow Perfusion</i> ; 08/1992; pp. 756-760; Acta Anaesthesiologica Scandinavica.	
	C24	Jos, R.C. Jansen, Ph.D., et al. (1997) <i>Near Continuous Cardiac Output by Thermodilution</i> . Journal of Clinical Monitoring 13:233-239.	
	C25	Keane, D. et al. <i>Percutaneous Cryothermal Catheter Ablation for the Creation of Linear Atrial Lesions</i> , Massachusetts General Hospital, Boston, MA, presented at NASPE, May 1999.	
	C26	Kimoto; <i>Open Heart Surgery under Direct Vision with the Aid of Brain-Cooling by Irrigation</i> ; 07/1955; pp.592-603; Surgery, vol. 39, No. 4.	

Examiner Signature	<i>Deborah Ballen</i>	Date Considered	5/30/03
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PTO/SB/O8B (10-96)

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		Application Number	Not Yet Known		
		Filing Date	Herewith		
		First Named Inventor	John D. Dobak, III		
		Group Art Unit	3737		
		Examiner Name	Unknown		
Sheet	11	of	12	Attorney Docket Number	051002

RKL	C27	Ladd, A. P. et al. <i>Cryosurgical Effects on Growing Vessels (abs.)</i> , Am Surg. 07/1999, Vol. 65, No. 7, pp. 677-82.	
	C28	Lustgarten, D. L. et al. (1999), <i>Cryothermal Ablation: Mechanism of Tissue Injury and Current Experience in the Treatment of Tachyarrhythmias</i> , 47(6):481-498.	
	C29	Marekovic, Z.; <i>Abstract of Renal Hypothermia in Situ by Venous Passages: Experimental Work on Dogs</i> ; 1980; Eur Urol 6(2); 1 page.	
	C30	Marsland, A. R. et al., <i>Cryogenic Damage to Peripheral Nerves and Blood Vessels in the Rat</i> , Br. J. Anaesth., 06/1983, Vol. 55, No. 6, pp. 555-8.	
	C31	Meden; <i>Effect of Hypothermia and Delayed Thrombolysis in a Rat Embolic Stroke Model</i> ; 12/1993; pp. 91-98; Acta Neurologica Scandinavica.	
	C32	Meden; <i>The Influence of Body Temperature on Infarct Volume and Thrombolytic Therapy in a Rat Embolic Stroke Model</i> ; 02/1994; pp. 131-138; Brain Research, Vol. 647.	
	C33	Milleret, Rene; <i>La cryo-chirurgie danes les varices des mimbres inferieurs</i> ; Angiologie; Supplement au no. 110.	
	C34	Milleret; <i>Abstract of Cryosclerosis of the Saphenous Veins in Varicose Reflux in the Obese and Elderly</i> ; 10.1981; one page; Phlebologie, Vol. 34, No. 4.	
	C35	Parkins; <i>Brain Cooling in the Prevention of Brain Damage During Periods of Circulatory Occlusion in Dogs</i> ; 04/1954; pp.284-289; Annals of Surgery, Vol. 140, No. 3.	
	C36	Pham, I. et al., <i>Adenovirus Mediated Atrial Natriuretic Peptide Gene Transfer in Rat Pulmonary Vascular Smooth Muscle Cells Leads to Inhibition of Cell Growth and Apoptosis</i> , Section on: <i>Therapeutic Strategies in Vascular Remodeling</i> , AHA Meeting, November 1998, Dallas, Texas, No. 3544.	
	C37	Piepgas; <i>Rapid Active Internal Core Cooling for Induction of Moderate Hypothermia in Head Injury by Use of an Extracorporeal Heat Exchanger</i> ; 02/1998; pp. 311-318; Neurosurgery, Vol. 42, No. 2.	
	C38	Plattner, O. et al. <i>Efficacy of Intraoperative Cooling Methods</i> , 1997, Anesthesiology, November, Vol. 87, No. 5, pp. 1089-1095.	
	C39	Rijken; <i>Plasminogen Activation at Low Temperatures in Plasma Samples Containing Therapeutic Concentrations of Tissue-Type Plasminogen Activator or Other Thrombolytic Agents</i> ; 10/1989; pp.47-52; place of publication unknown.	
	C40	Schwartz, A. E. et al.; (1996); <i>Isolated cerebral hypothermia by single carotid artery perfusion of extracorporeally cooled blood in baboons</i> ; Neurosurgery 39(3):577-582.	

Examiner Signature	<i>R. K. Kucera</i>	Date Considered	5/30/03
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C41	Schwartz; <i>Cerebral Blood Flow during Low-flow Hypothermic Cardiopulmonary Bypass in Baboons</i> ; 06/1994; pp. 959-964; <i>Anesthesiology</i> , Vol. 81, No.4.
C42	Schwartz; <i>Selective Cerebral Hypothermia by Means of Transfemoral Internal Carotid Artery Catheterization</i> ; 05/1996; pp.571-572; <i>Radiology</i> , Vol. 201, No. 2.
C43	Steen; <i>The Detrimental Effects of Prolonged Hypothermia and Rewarming in the Dog</i> ; 08/1979; pp. 224-230; <i>Anesthesiology</i> , Vol. 52, No. 3.
C44	Tanguay, J.-F., <i>A New Cryotherapy Catheter to Prevent Restenosis (abs.)</i> , 11 <sup>th</sup> Transcatheter Cardiovascular Therapeutics, 09/1999.
C45	Tanguay, J-F et al. <i>A New Cryocatheter Treatment Improves Vascular Remodeling after Angioplasty</i> , presented at AHA, November 1998.
C46	Tanguay, J-F et al., <i>A New Cryocatheter Treatment Improves Vascular Remodeling after Angioplasty</i> , Section on Therapeutic Strategies in Vascular Remodeling, AHA Meeting, November 1998, Dallas, Texas, No. 3543.
C47	Vandam; <i>Hypothermia</i> ; 09/1959; pp.546-553; <i>The New England Journal of Medicine</i> .
C48	White; <i>Cerebral Hypothermia and Circulatory Arrest</i> ; 07/1978; pp.450-458; <i>Mayo Clinic Proceedings</i> , Vol. 53.
C49	Yenari; <i>Thrombolysis with Tissue Plasminogen Activator (TPA) is Temperature Dependent</i> ; 07/1994; pp.475-481; <i>Thrombosis Research</i> , vol. 77, No.5.
C50	Yoshihara; <i>Changes in Coagulation and Fibrinolysis Occurring in Dogs during Hypothermia</i> ; 08/1984; pp.503-512; <i>Thrombosis Research</i> , Vol. 37, No. 4.
C51	Zarins; <i>Circulation in Profound Hypothermia</i> ; 11/1972; pp. 97-104; <i>Journal of Surgical Research</i> , Vol. 14, No. 2.
C52	Thibault, B., C. Villemare, M. Talajic, D. Roy, S. Nattel, T. Ki Leung, M. Dubuc, "Catheter Cryoablation is a More Effective and Potentially Safer Method to Create Atrial Conduction Block: Comparison with Radiofrequency Ablation," <i>NASPE Abstracts</i> , April 1998, Part II, <i>PACE</i> , V. 21(620):944.
C53	Dubuc, M., M. Talajic, D. Roy, B. Thibault, T. Ki Leung, K. Spector, P. L. Friedman, "Catheter Cryoablation: a Novel Technology for Ablation of Cardiac Arrhythmias," <i>Abstracts from the 69<sup>th</sup> Scientific Sessions</i> , No. 3259, I-557.
C54	Ducharme, A., J-C. Tardif, D. Roy, B. Thibault, M. Talajic, M. Dubuc, "Intracardiac Echocardiography Monitoring of Catheter Cryoablation," <i>Abstracts from the 71<sup>st</sup> Scientific Sessions</i> , No. 2300, I-437.

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